

having a polar functional group, the UHMW polyethylene particles chemically bonded to the thermoset carrier to form surface projections.

38. (New) The weatherseal of Claim 37, wherein the thermoset carrier includes cross-linked urethane.

39. (New) The weatherseal of Claim 37, wherein the substrate includes one of an EPDM, a thermoplastic and a thermoplastic elastomer.

40. (New) A weatherseal, comprising:

(a) a substrate including one of an EPDM, a thermoplastic and a thermoplastic elastomer; and

(b) a contact layer on the substrate, the contact layer including projection forming surface treated UHMW polyolefin particles in a cross linked urethane based carrier, the surface treated UHMW polyolefin particles.

41. (New) The weatherseal of Claim 40, wherein the UHMW polyolefin particles are cross-linked.

42. (New) A weatherseal contact layer having a multitude of projections, comprising a multitude of coefficient of friction reducing projection forming surface treated thermoplastic particles bonded to a cured thermoset carrier.

43. (New) The contact layer of Claim 42, wherein the thermoplastic particles are an ultra high molecular weight olefin.

44. (New) The contact layer of Claim 42, wherein the thermoplastic particles are surface treated UHMW polyethylene.

45. (New) The contact layer of Claim 42, wherein the thermoset carrier includes urethane.

46. (New) The contact layer of Claim 42, wherein the thermoplastic particles have a melting temperature greater than a curing temperature of the thermoset carrier.

47. (New) A weatherseal, comprising:

(a) a substrate; and

(b) a contact layer on a portion of the substrate, the contact layer having a multitude of surface treated olefinic particles in a cured thermoset urethane based carrier, the surface treated olefinic particles sized to create friction reducing surface projections in the contact layer.

48. (New) The weatherseal of Claim 47, wherein the substrate includes one of an EPDM, a thermoplastic and a thermoplastic elastomer.

49. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles are UHMW polyethylene.

50. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles are chemically bonded to the cured thermoset urethane based carrier.

51. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles are cross-linked.

52. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles are sufficiently bonded to the cured thermoset urethane based carrier to substantially preclude non-destructive separation.

53. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles are encapsulated within the cured thermoset urethane based carrier.

54. (New) The weatherseal of Claim 47, wherein the surface treated olefinic particles have a polar functional group.

55. (New) The weatherseal of Claim 47, wherein a melting temperature of the surface treated olefinic particles is greater than a curing temperature of the urethane based carrier.

56. (New) A method of forming a weatherseal, comprising:

- (a) forming a substrate;
- (b) mixing a multitude of surface treated olefinic particles and a curable thermoset urethane based carrier;
- (c) disposing the mixed surface treated olefinic particles and the curable thermoset urethane based carrier on a portion of the substrate; and
- (d) curing the curable thermoset urethane based carrier as it is disposed on the substrate to retain discrete surface treated olefinic particles and form surface projections.

57. (New) A weatherseal, comprising:

- (a) a substrate; and
- (b) a contact layer on a portion of the substrate, the contact layer having a multitude of surface treated olefinic particles in a cured thermoset urethane based carrier, the surface treated olefinic particles having a melting temperature greater than a curing temperature of the urethane based carrier.

Sub B6 58. (New) The weatherseal of Claim 57, wherein the substrate includes one of an EPDM, a thermoplastic and a thermoplastic elastomer.

59. (New) The weatherseal of Claim 57, wherein the surface treated olefinic particles are UHMW polyethylene.

60. (New) The weatherseal of Claim 57, wherein the surface treated olefinic particles are chemically bonded to the cured thermoset urethane based carrier.

61. (New) The weatherseal of Claim 57, wherein the surface treated olefinic particles are cross-linked.

62. (New) The weatherseal of Claim 57, wherein the surface treated olefinic particles are sufficiently bonded to the cured thermoset urethane based carrier to substantially preclude separation.

63. (New) The weatherseal of Claim 57, wherein a plurality of the surface treated olefinic particles are encapsulated within the cured thermoset urethane based carrier.

A2 64. (New) The weatherseal of Claim 57, wherein the surface treated olefinic particles have a polar functional group.

65. (New) A weatherseal, comprising:

(a) a substrate; and

(b) a contact layer on a portion of the substrate, the contact layer having a multitude of surface treated olefinic particles in a cured thermoset carrier, the surface treated olefinic particles having a melting temperature greater than a curing temperature of the thermoset carrier.

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66. (New) The weatherseal of Claim 65, wherein the substrate includes one of an EPDM, a thermoplastic and a thermoplastic elastomer.

67. (New) The weatherseal of Claim 65, wherein the surface treated olefinic particles are UHMW polyethylene.

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69. (New) The weatherseal of Claim 65, wherein the surface treated olefinic particles are chemically bonded to the cured thermoset carrier.

70. (New) The weatherseal of Claim 65, wherein the surface treated olefinic particles are cross-linked.

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71. (New) The weatherseal of Claim 65, wherein the surface treated olefinic particles are sufficiently bonded to the cured thermoset carrier to substantially preclude separation.

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72. (New) The weatherseal of Claim 65, wherein a plurality of the surface treated olefinic particles are encapsulated within the cured thermoset carrier.

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73. (New) The weatherseal of Claim 65, wherein the surface treated olefinic particles have a polar functional group.

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